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ICS 33.040.50
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4848-2024

Access network operation and maintenance intelligent technology requires data collection and common data model

接入网运维智能化技术要求 数据采集和通用数据模型

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4848-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the data sources, data classification, data models and corresponding data collection protocols required for intelligent operation and maintenance of access networks. This standard is applicable to data collection and application in the intelligent operation and maintenance systems of broadband access networks in public telecommunication network environments, and can also be used as a reference for dedicated telecommunication networks.

YD/T 4848-2024 falls under ICS 33.040.50, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 4846-2024 - Enhanced Synchronous Ethernet Device Clock Test Method

YD/T 4845-2024 - Technical requirements for 100ns-level high-precision time synchronization

YD/T 4844-2024 - Synchronous Network Terms and Definitions

5 Classification and status

International classification (ICS): 33.040.50

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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